

Complete Listing of All Claims in Application

1. (Currently amended) A buoyant body, comprising:

an exterior envelope defining a hollow watertight chamber;

said envelope ~~including a plurality of walls having ribbed outer surfaces~~
comprising a plurality of intersecting planar surfaces and cylindrical
surfaces,

a plurality of said planar surfaces and cylindrical surfaces having a plurality of at
least one of protrusions, ridges, grooves and channels formed on said ~~ribbed~~
~~outer surfaces~~ planar surfaces and said cylindrical surfaces,

~~said ribbed outer surfaces~~ said planar surfaces and cylindrical surfaces sized
and shaped to receive flowing water and direct the water in a direction different
from the direction in which the water is received,

and means enabling attachment to other buoyant bodies.

2. (Original) The body according to Claim 1, further comprising:

buoyancy means for adjusting buoyancy of the body.

3. (Original) The body according to Claim 1, further comprising:

anchoring means for anchoring the body in water at a select position.

4. (Original) The body according to Claim 1, wherein said envelope includes:

a first part and a second part, the first and second parts being symmetrical and

arranged for engagement to each other to provide a complete body.

5. (Previously amended) The body of claim 1 including a front wall, a back wall, a top wall, a bottom wall, first and second side walls in a spaced relation, a plurality of intersecting surfaces between said walls, a plurality of spaced extending yokes connected to a plurality of said walls, said yokes including passage means for enabling attachment to other buoyant bodies, the outer surfaces of said walls and yokes having ribbed areas shaped to receive flowing water and direct flowing water in a direction different from the direction in which the water is received.

6. (Currently amended) A buoyant body, comprising:

an exterior envelope defining a hollow watertight chamber;

said envelope comprising a plurality of intersecting planar and cylindrical surfaces forming walls having ribbed outer surfaces,

a plurality of said planar and cylindrical surfaces having a plurality of at least one of protrusions, ridges, grooves and channels formed on said planar surfaces and said cylindrical surfaces,

said plurality of intersecting planar and cylindrical surfaces sized and shaped to receive flowing water and direct the water in a direction different from the direction in which the water is received,

means enabling attachment to other buoyant bodies.

said envelope including a first part and a second part, the first and second parts being symmetrical and arranged for engagement to each other to provide a complete body.

The body of claim 4 wherein said first and second parts include complementary opposing internal wall surfaces having engageable mating extensions and grooves for securing said parts together to form a single body.

7. (Previously Amended) The body of claim 5 wherein said side walls extend outwardly beyond the widths of the other of said walls providing a thicker central dimension.
8. (Original) The body according to claim 2 wherein said means for adjusting buoyancy includes apertures in said envelope for receiving and removing fillers into and out of the interior of said envelope, and closure means for securing said apertures.
9. (Currently Amended) An energy dissipating assembly for flowing water comprising:
a plurality of buoyant bodies connected together, each body having a plurality of external walls comprising a plurality of intersecting planar surfaces and cylindrical surfaces; a plurality of said planar surfaces and cylindrical surfaces having a plurality of at least one of protrusions, ridges, grooves and channels formed on said planar surfaces and said cylindrical surfaces, said planar surfaces and cylindrical surfaces sized and shaped to receive flowing water and direct the water in a direction different from the direction in which the water is received, to dissipate the energy of the water.

~~a plurality of ribbed outer surfaces formed on said walls, said ribbed outer surfaces having a plurality of at least one of protrusions, ridges, grooves and channels; said ribbed outer surfaces sized and shaped to receive flowing water and direct the water in a direction different from the direction in which the water is received to dissipate the energy of the water.~~

10. (Original) The assembly of claim 9 wherein each body includes passages for receiving means for attachment to other buoyant bodies.
11. (Original) The assembly of claim 10 wherein said means for attachment includes cables extending through said passages.
12. (Previously Amended) The body of claim 7 further comprising internal surfaces formed of a flexible material having opposing convolutions including engageable mating protrusions and slots securing said parts together.
13. (Currently Amended) An energy dissipating assembly for flowing water comprising:
a plurality of buoyant bodies connected together;

each body having an external envelope defining a hollow watertight chamber;

each body having a plurality of intersecting planar and cylindrical surfaces forming external walls having ribbed outer surfaces, said ribbed outer surfaces having a plurality of at least one of protrusions, ridges, grooves and channels, said ribbed outer surfaces sized and shaped to receive flowing water and direct

the flowing water in a direction different from the direction in which the water is received to dissipate the energy of the water;

each body including a front wall, a back wall, a top wall, a bottom wall, first and second side walls in a spaced relation extending outwardly beyond the widths of the other said walls providing a thicker central dimension;

a plurality of intersecting surfaces between said walls;

a plurality of spaced extending yokes connected to a plurality of said walls;

said yokes having ribbed outer surfaces and including passages for receiving means for attachment to other buoyant bodies;

said means for attachment including cables extending through said passages;

each body including apertures in said envelope for receiving and removing fillers into and out of the interior of said envelope for adjusting the buoyancy of said body;

closure means for securing said apertures; and

anchor means for anchoring said body in water at a select position.